



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 160245

TO: Sean McGarry
Location: REM/2D19/2C18
Art Unit: 1635
Friday, March 03, 2006
Case Serial Number: 10/653528

From: Toby Port
Location: Biotech-Chem Library
REM-1A59
Phone: 571-272-2523

toby.port@uspto.gov

Search Notes

Examiner McGarry,

See attached results. Please note that the search for Seq ID 1 (787-815) did not process. I have a call into systems support to find out why this one piece of your search failed. I am waiting to hear from them before rerunning it and I will keep you posted on what I find out.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Toby Port
X22523



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STIC SEARCH RESULTS FEEDBACK FORM

Biotech-Chem Library

Questions about the scope or the results of the search? Contact *the searcher or contact*:

Mary Hale, Information Branch Supervisor
Remsen Bldg. 01 D86
571-272-2507

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 1610

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC-Biotech-Chem Library, Remsen Bldg.



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STIC-Biotech/ChemLib

180245

From: McGarry, Sean
Sent: Wednesday, February 22, 2006 3:03 PM
To: STIC-Biotech/ChemLib
Subject: SEQ SEARCH 10/653,528

Sean McGarry
AU 1635
REM 02D19 Office
REM 2C18 Mailbox
X20761
73484

10/653,528.

Please, a length limited search of SEQ ID NOS: 32, 33, 37, and nucleotides 787-815 of SEQ ID NO: 1. (nt \leq 80).

Thank You

RECEIVED
FEB 22 2006
STIC

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
Searcher Prep Time: _____
Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable
STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

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C 97 19.4 11.8 60 3 US-09-908-975-31431 Sequence 31431, A
C 98 19.4 11.8 60 3 US-09-908-975-31672 Sequence 31672, A
99 19.4 11.8 65 3 US-09-908-975-391 Sequence 391, App
100 19.4 11.8 65 3 US-09-908-975-24884 Sequence 24884, A

ALIGNMENTS

RESULT 1

US-09-941-179A-16
; Sequence 16, Application US/09941179A
; Patent No. US20020146785A1
; GENERAL INFORMATION:
; APPLICANT: Bayer Aktiengesellschaft
; TITLE OF INVENTION: Acetylcholine receptor subunits
; FILE REFERENCE: Le A 34 821
; CURRENT APPLICATION NUMBER: US/09/941,179A
; CURRENT FILING DATE: 2001-08-27
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-941-179A-16

Query Match 16.5%; Score 27; DB 3; Length 75;
Best Local Similarity 60.0%; Pred. No. 25;

Matches 45; Conservative 0; Mismatches 30; Indels 0; Gaps 0;

Qy 18 GAGGGGACTGGGCGAGTTCTAGACAGTCCCGAAGTTCTCAAGGCGACAGGTCCTTCCTGGT 77
Db 1 GCGGGGAGTGGGTATCTTGAAGTCCGCGCGTTCCGACGAAGAAGTTTATATACATGCT 60
Qy 78 TTGACTGTCCTTACC 92
Db 61 GCGACGAGCCTTACC 75

RESULT 2

US-09-941-179A-17/c
; Sequence 17, Application US/09941179A
; Patent No. US20020146785A1
; GENERAL INFORMATION:
; APPLICANT: Bayer Aktiengesellschaft
; TITLE OF INVENTION: Acetylcholine receptor subunits
; FILE REFERENCE: Le A 34 821
; CURRENT APPLICATION NUMBER: US/09/941,179A
; CURRENT FILING DATE: 2001-08-27
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 75
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-941-179A-17

Query Match 15.5%; Score 25.4; DB 3; Length 75;
Best Local Similarity 58.7%; Pred. No. 94;

Matches 44; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

Qy 18 GAGGGGACTGGGCGAGTTCTAGACAGTCCCGAAGTTCTCAAGGCGACAGGTCCTTCCTGGT 77
Db 75 GCGGGGAGTGGGTATCTTGAAGTCCGCGCGTTCCGACGAAGAAGTTTATATACATGCT 16

Qy 78 TTGACTGTCCTTACC 92
Db 15 GCGACGAGCCTTACC 1

RESULT 3

US-09-908-975-25943
; Sequence 25943, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: FAIGLER, Simcha
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25943
; LENGTH: 65
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-908-975-25943

Query Match 14.4%; Score 23.6; DB 3; Length 65;
Best Local Similarity 61.3%; Pred. No. 4e+02;

Matches 38; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

Qy 3 TCGGCCACCTTGTATGAGGGGAGTGGGAGTCTAGACAGTCCCGAAGTTCTCAAGGCGAC 62
Db 3 TCGGCCAAGTGTATGTCAGTATGCTGTTCACTGAGGCTGTAAACAATCCTCTGGCAC 62

Qy 63 AG 64
Db 63 AG 64

RESULT 4

US-09-908-975-3750/c
; Sequence 3750, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: FAIGLER, Simcha
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3750
; LENGTH: 65
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-908-975-3750

Query Match 13.4%; Score 22; DB 3; Length 65;
Best Local Similarity 59.7%; Pred. No. 1.5e+03;
Matches 37; Conservative 0; Mismatches 25; Indels 0; Gaps 0;

QY 17 TGGGGGAGTGGGAGTCTTCAAGAGTCCGGAAGTTCTCAAGCAGGCTCTTCTGG 76
DB 64 TGGAGAGAGTGTGAGTCTTCAAAATTCGCAAGATTCTCAGCAGGAGTGCTGCTGG 5

QY 77 TT 78
DB 4 GT 3

RESULT 5

US-10-318-905-22
Sequence 22, Application US/10318905
Publication No. US20030152560A1

GENERAL INFORMATION:

APPLICANT: Selden et al., Richard F.
TITLE OF INVENTION: THERAPY FOR ALPHA-GALACTOSIDASE A DEFICIENCY

NUMBER OF SEQUENCES: 28

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/318,905

FILING DATE: 12-Dec-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/928,881

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Fraser, Janis K.

REGISTRATION NUMBER: 34,819

REFERENCE/DOCKET NUMBER: 07236/003001

TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906

INFORMATION FOR SEQ ID NO: 22:

SEQUENCE CHARACTERISTICS:

LENGTH: 78 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 22:

US-10-318-905-22

Query Match 13.3%; Score 21.8; DB 6; Length 78;
Best Local Similarity 56.2%; Pred. No. 1.8e+03;
Matches 41; Conservative 0; Mismatches 32; Indels 0; Gaps 0;

QY 35 CTAGACAGTCCCGAAGTCTCAAGCAGGCTCTTCTGAGTTTACTGTCTTACCCC 94
DB 5 CTAGAGGCTCCCGAGAGTCTCTGCTTGTGGCTCTGCTGCTGCTGCTGCTTCC 64

QY 95 GGGAGGAGTGC 107
DB 65 AAGAGGAGTGC 77

RESULT 6
US-10-746-943-28
Sequence 28, Application US/10746943

Publication No. US20040235011A1
GENERAL INFORMATION:
APPLICANT: Cooper, Richard K.
APPLICANT: Pioretti, William C.

APPLICANT: Cadd, Gary G.

TITLE OF INVENTION: Production of Multimeric Proteins

FILE REFERENCE: 51687-0230 (51687-294924)

CURRENT APPLICATION NUMBER: US/10/746,943

CURRENT FILING DATE: 2003-12-24

PRIOR APPLICATION NUMBER: US 60/392,415

PRIOR FILING DATE: 2002-06-26

PRIOR APPLICATION NUMBER: US 60/441,381

PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US 60/441,447

PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US 60/441,405

PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US 60/441,502

PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US 60/441,377

PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US 60/441,392

PRIOR FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US 10/609,019

PRIOR FILING DATE: 2003-06-26

NUMBER OF SEQ ID NOS: 104

SOFTWARE: Patentin version 3.2

SEQ ID NO 28

LENGTH: 78

TYPE: DNA

ORGANISM: ARTIFICIAL SEQUENCE

FEATURE:

OTHER INFORMATION: Synthetic

US-10-746-943-28

Query Match 13.3%; Score 21.8; DB 8; Length 78;
Best Local Similarity 56.2%; Pred. No. 1.8e+03;
Matches 41; Conservative 0; Mismatches 32; Indels 0; Gaps 0;

QY 35 CTAGACAGTCCCGAAGTCTCAAGCAGGCTCTTCTGAGTTTACTGTCTTACCCC 94
DB 5 CTAGAGGCTCCCGAGAGTCTCTGCTTGTGGCTCTGCTGCTGCTGCTGCTTCC 64

QY 95 GGGAGGAGTGC 107
DB 65 AAGAGGAGTGC 77

RESULT 7

US-09-908-975-24281

Sequence 24281, Application US/09908975

Publication No. US20030165843A1

GENERAL INFORMATION:

APPLICANT: SHOSHAN, Avi

APPLICANT: WASSERMAN, Alon

APPLICANT: MINTZ, Eli

APPLICANT: FAIGER, Simchon

TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC

FILE REFERENCE: 36688-0005

CURRENT APPLICATION NUMBER: US/09/908,975

PRIOR FILING DATE: 2001-07-20

PRIOR APPLICATION NUMBER: US 60/287,724

PRIOR FILING DATE: 2001-05-02

PRIOR APPLICATION NUMBER: US 60/221,607

PRIOR FILING DATE: 2000-07-28

NUMBER OF SEQ ID NOS: 32337

SOFTWARE: Patentin version 3.0

SEQ ID NO 24281

LENGTH: 65

TYPE: DNA

ORGANISM: Mus musculus


```

PRIORITY FILLING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00664
PRIORITY FILLING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00669
PRIORITY FILLING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00665
PRIORITY FILLING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00668
PRIORITY FILLING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00663
PRIORITY FILLING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00662
PRIORITY FILLING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00661
PRIORITY FILLING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: PCT/US01/00670
PRIORITY FILLING DATE: 2001-01-30
PRIORITY APPLICATION NUMBER: US 60/234,687
PRIORITY FILLING DATE: 2000-09-21
PRIORITY APPLICATION NUMBER: US 09/608,408
PRIORITY FILLING DATE: 2000-06-30
PRIORITY APPLICATION NUMBER: US 09/774,203
PRIORITY FILLING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annonmax Sequence Listing Engine vers. 1.1
SEQ ID NO 18379
LENGTH: 77
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL033380.10
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN HEL100, SIGNAL = 1.3
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.88
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.3
OTHER INFORMATION: EST HUMAN HIT: W02144.1, EVALUATE 3.60e+00
OTHER INFORMATION: NT HIT: AF110763.1, EVALUATE 3.30e-02
OTHER INFORMATION: SWISSPROT HIT: Q58016, EVALUATE 5.40e+00
US-09-864-761-18379
Query Match 12.4%; Score 20.4; DB 3; Length 77;
Best Local Similarity 61.1%; Pred.No. 5.8e+03;
Matches 33; Conservative 0; Mismatches 21; Indels 0; Gaps 0;
Cy CGGGAGGCAAGTCGACGACGACTGCAGCCGCCACAGTAGTAAGAATCATGTGAGCTCA 147
Db 1 CTGGGAACCGTGTCGAGCAGATTCAAAGCCAGAGTCCTCGCTCTCGGATCA 54
RESULT 14
US-10-098-263B-20043/c
Sequence 20043, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Milteman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
PRIOR APPLICATION NUMBER: 2003-01-08
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 20043
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
```

US-10-098-263B-20043

Query Match 12.3%; Score 20.2; DB 5; Length 25;
Best Local Similarity 88.0%; Pred. No. 5.4e+03;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 76 GTTGACTGTCCTTACCCGGGGAG 100
DB 25 GCTGACCGCTCTTACCCAGGGAG 1

RESULT 15
US-10-813-638-1068/c

; Sequence 1068, Application US/10813638
; Publication No. US20040235026A1
; GENERAL INFORMATION:
; APPLICANT: Shinketsu, Richard A.
; APPLICANT: Leach, Martin D.
; TITLE OF INVENTION: NUCLEIC ACIDS CONTAINING SINGLE NUCLEIC ACID POLYMORPHISMS AND ME
; FILE REFERENCE: 15966-599
; CURRENT APPLICATION NUMBER: US/10/813,638
; PRIOR FILING DATE: 2004-03-29
; PRIOR APPLICATION NUMBER: 60/163,783
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1468
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 1068
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; NAME/KEY: misc_feature
; LOCATION: (25)...(26)
; OTHER INFORMATION: Nucleotide deleted between bases 25 and 26
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg44921277
; US-10-813-638-1068

Query Match 12.3%; Score 20.2; DB 8; Length 50;
Best Local Similarity 63.3%; Pred. No. 6.2e+03;
Matches 31; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

QY 95 GGGGAGCAGTCGACGCCAGTGCAGCCCGACAGTGAAGACATCTGAG 143
DB 49 GGGGAGCGGGCGCTGGAGCCCGCAAGCTCCAGATGAGGATGATCAGGG 1

RESULT 16
US-09-908-975-23252/c

; Sequence 23252, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28

; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23252
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-908-975-23252

Query Match 12.3%; Score 20.2; DB 3; Length 60;
Best Local Similarity 68.3%; Pred. No. 6.5e+03;
Matches 28; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 99 AGCGAGTGACGCCAGCTGCAAGCCCGACAGTGAAGACATC 139
DB 42 AGCGAGGAACATGCTGCAAGCACCGAGAGCAAGATTC 2

RESULT 17
US-09-908-975-18023/c

; Sequence 18023, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18023
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-908-975-18023

Query Match 12.2%; Score 20; DB 3; Length 60;
Best Local Similarity 61.5%; Pred. No. 7.6e+03;
Matches 32; Conservative 0; Mismatches 20; Indels 0; Gaps 0;

QY 5 GGCCACCTTGTGATGAGGGGACTGGCAGTTCTAGACAGTCCGAACTTCTCA 56
DB 60 GGCTGCCCTTGAGGAGCTGAGTGTGGCTTCAGGTATTCATATTCACA 9

RESULT 18
US-09-908-975-18034/c

; Sequence 18034, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337

Fri Mar 3 11:20:42 2006

SOFTWARE: Patentin version 3.0
 SEQ ID NO 18034
 LENGTH: 60
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-908-975-18034

Query Match 12.2%; Score 20; DB 3; Length 60;
 Best Local Similarity 82.1%; Pred. No. 7.6e+03;
 Matches 23; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 111 CAGCTGCAAGCCCCCAGTGAAGAAT 138
 DB 33 CATCTACAAAGCCACAGTGAAGAAT 6

RESULT 19
 US-09-908-975-20526
 Sequence 20526, Application US/09908975
 Publication No. US20030165843A1
 GENERAL INFORMATION:
 APPLICANT: SHOSHAN, Avi
 APPLICANT: WASSERMAN, Alon
 APPLICANT: MINTZ, Eli
 APPLICANT: MINTZ, Liat
 APPLICANT: PAIGER, Simchon
 TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
 TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
 FILE REFERENCE: 36688-0005
 CURRENT APPLICATION NUMBER: US/09/908,975
 CURRENT FILING DATE: 2001-07-20
 PRIOR APPLICATION NUMBER: US 60/287,724
 PRIOR FILING DATE: 2001-05-02
 PRIOR APPLICATION NUMBER: US 60/221,607
 PRIOR FILING DATE: 2000-07-28
 NUMBER OF SEQ ID NOS: 32337
 SOFTWARE: Patentin version 3.0
 SEQ ID NO 20526
 LENGTH: 60
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-908-975-20526

Query Match 12.2%; Score 20; DB 3; Length 60;
 Best Local Similarity 65.9%; Pred. No. 7.6e+03;
 Matches 29; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY 104 GTGCAGCCAGCTGCAAGCCCCCAGTGAAGAATCTGAGCTCA 147
 DB 16 GTCTCTCCATCTGCTGCGCCACACTGTGTAAAGCAGCAGCTCA 59

RESULT 20
 US-09-908-975-6045
 Sequence 6045, Application US/09908975
 Publication No. US20030165843A1
 GENERAL INFORMATION:
 APPLICANT: SHOSHAN, Avi
 APPLICANT: WASSERMAN, Alon
 APPLICANT: MINTZ, Eli
 APPLICANT: MINTZ, Liat
 APPLICANT: PAIGER, Simchon
 TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
 TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
 FILE REFERENCE: 36688-0005
 CURRENT APPLICATION NUMBER: US/09/908,975
 CURRENT FILING DATE: 2001-07-20
 PRIOR APPLICATION NUMBER: US 60/287,724
 PRIOR FILING DATE: 2001-05-02
 PRIOR APPLICATION NUMBER: US 60/221,607
 PRIOR FILING DATE: 2000-07-28
 NUMBER OF SEQ ID NOS: 32337
 SOFTWARE: Patentin version 3.0

SEQ ID NO 6045
 LENGTH: 60
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-908-975-6045

Query Match 12.0%; Score 19.6; DB 3; Length 60;
 Best Local Similarity 84.6%; Pred. No. 1.1e+04;
 Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 61 ACAGTCTCTCTCTGTTGACTGTC 86
 DB 8 ACAGGCTCTCTCTGTTGACTGCC 33

RESULT 21
 US-10-862-084-21/c
 Sequence 21, Application US/10862084
 Publication No. US20040224915A1
 GENERAL INFORMATION:
 APPLICANT: Janjic, Nebojsa
 APPLICANT: Gold, Larry
 TITLE OF INVENTION: High Affinity Vascular Endothelial Growth Factor (VEGF)
 TITLE OF INVENTION: Receptor Nucleic Acid Ligands and Inhibitors
 FILE REFERENCE: NEX88
 CURRENT APPLICATION NUMBER: US/10/862,084
 CURRENT FILING DATE: 2004-06-04
 PRIOR APPLICATION NUMBER: US/09/364,540
 PRIOR FILING DATE: 1999-07-29
 NUMBER OF SEQ ID NOS: 36
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO 21
 LENGTH: 70
 TYPE: RNA
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: modified base
 LOCATION: (1)..(70)
 OTHER INFORMATION: All pyrimidines are 2'F.
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 US-10-862-084-21

Query Match 12.0%; Score 19.6; DB 8; Length 70;
 Best Local Similarity 62.0%; Pred. No. 1.1e+04;
 Matches 31; Conservative 0; Mismatches 19; Indels 0; Gaps 0;

QY 18 GAGGGAGCTGGGAGCTTCTAGACAGTCCGAGCTTCTCAAGCCACAGTC 67
 DB 64 GAGTGTCTGACGAGCAGACAAATGCAAGTTCCAAAGAGCAGCTC 15

RESULT 22
 US-10-794-615-12
 Sequence 12, Application US/10794615
 Publication No. US20040261148A1
 GENERAL INFORMATION:
 APPLICANT: Dickey, Lynn
 APPLICANT: Gasdaska, John
 APPLICANT: Cox, Kevin
 TITLE OF INVENTION: Expression of Biologically Active
 TITLE OF INVENTION: Polypeptides in Duckweed
 FILE REFERENCE: 40989/267934
 CURRENT APPLICATION NUMBER: US/10/794,615
 CURRENT FILING DATE: 2004-03-05
 PRIOR APPLICATION NUMBER: US/10/675,011
 PRIOR FILING DATE: 2003-09-30
 PRIOR APPLICATION NUMBER: US 09/915,873
 PRIOR FILING DATE: 2001-07-26
 PRIOR APPLICATION NUMBER: US 60/293,330
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/221,705

Fri Mar 3 11:20:42 2006

;; PRIOR FILING DATE: 1998-06-17
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;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 11.8%; Score 19.4; DB 3; Length 43;
Best Local Similarity 70.3%; Pred. No. 1.2e+04;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Qy 79 TGACTGTCTTACCCGGGAGGACAGTGCAGCAGCT 115
Db 1 TGACTGCACCTACCCCGTGGCACTGTTGAGCCAGCT 37

RESULT 24
US-09-989-723-34
Sequence 34, Application US/09989723
Patent No. US20020072092A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Nadler, Mary A.
APPLICANT: Pan, James
APPLICANT: Beoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730P1C62
CURRENT APPLICATION NUMBER: US/09/989,723
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600

[illegible]

;; PRIOR FILING DATE: 1998-07-07
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Query Match 11.8%; Score 19.4; DB 3; Length 43;
Best Local Similarity 70.3%; Pred. No. 1.2e+04;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 79 TGACTGCTTACCCCGGAGGAGTGACGCGCT 115
DB 1 TGACTGCACTACCCCGGAGGAGCTGTGAGCGCGCT 37

RESULT 25
US-09-989-279-34
Sequence 34, Application US/09989279
Patent No. US20020072496A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kijavich, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C56
CURRENT APPLICATION NUMBER: US/09/989,279
CURRENT FILING DATE: 2001-11-19
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 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 11.8%; Score 19.4; DB 3; Length 43;

Best Local Similarity 70.3%; Pred. No. 1.2e+04;
 Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
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 Db 1 TGACTGACTACCCCGGAGGAGGAGTGTGAGCCGCT 37

Search completed: March 3, 2006, 08:48:44
 Job time : 2017.56 secs

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: March 3, 2006, 07:35:12 ; Search time 891.576 Seconds
(without alignments)
403.294 Million cell updates/sec

Title: US-10-655-801-3_COPY_14_177

Perfect score: 164

Sequence: 1 tctcgccaccttgatgag.....tcaatccagatgacac 164

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 1.0

Searched: 7218535 seqs, 1096242582 residues

Total number of hits satisfying chosen parameters: 11669656

Minimum DB seq length: 0

Maximum DB seq length: 80

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

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13: /cgn2_6/prodata/1/pubpna/US60_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 4	20.2	12.3	50	12	US-11-175-859-75985
C 5	20.2	12.3	50	12	US-11-175-859-105901
C 6	20.2	12.3	79	8	US-10-310-914A-6285
C 7	20.2	12.3	79	8	US-11-175-859-2464
C 8	19.6	12.0	50	12	US-11-175-859-44910
C 9	19.4	11.8	50	8	US-10-939-294A-3704
C 10	19.4	11.8	50	12	US-11-175-859-3704
C 11	19.2	11.7	62	8	US-11-175-859-29057
C 12	19.2	11.7	62	8	US-10-310-914A-15202
C 13	19.2	11.6	19	10	US-11-101-244-338671
C 14	19.2	11.6	19	10	US-11-101-244-338671
C 15	19.2	11.6	19	10	US-11-101-244-338671
C 16	19.2	11.6	19	10	US-11-101-244-338671
C 17	19.2	11.6	19	10	US-11-101-244-338671
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63	19	11.6	19	10	US-11-101-244-338925	Sequence 338925, A
64	19	11.6	19	10	US-11-101-244-338926	Sequence 338926, A
65	19	11.6	19	10	US-11-101-244-338927	Sequence 338927, A
66	19	11.6	19	10	US-11-101-244-338928	Sequence 338928, A
67	19	11.6	19	10	US-11-101-244-338929	Sequence 338929, A
68	19	11.6	19	10	US-11-101-244-338930	Sequence 338930, A
69	19	11.6	19	10	US-11-101-244-338931	Sequence 338931, A
70	19	11.6	19	10	US-11-101-244-338932	Sequence 338932, A
71	19	11.6	19	10	US-11-101-244-338933	Sequence 338933, A
72	19	11.6	19	10	US-11-101-244-338934	Sequence 338934, A
73	19	11.6	19	10	US-11-101-244-338935	Sequence 338935, A
74	19	11.6	19	10	US-11-101-244-338936	Sequence 338936, A
75	19	11.6	19	10	US-11-101-244-338937	Sequence 338937, A
76	19	11.6	19	10	US-11-101-244-338938	Sequence 338938, A
77	19	11.6	19	10	US-11-101-244-338939	Sequence 338939, A
78	19	11.6	19	10	US-11-101-244-338940	Sequence 338940, A
79	19	11.6	19	10	US-11-101-244-338941	Sequence 338941, A
80	19	11.6	19	10	US-11-101-244-338942	Sequence 338942, A
81	19	11.6	19	10	US-11-101-244-338943	Sequence 338943, A
82	19	11.6	19	10	US-11-101-244-338944	Sequence 338944, A
83	19	11.6	19	10	US-11-101-244-338945	Sequence 338945, A
84	19	11.6	19	10	US-11-101-244-338946	Sequence 338946, A
85	19	11.6	19	10	US-11-101-244-338947	Sequence 338947, A
86	19	11.6	19	10	US-11-101-244-338948	Sequence 338948, A
87	19	11.6	19	10	US-11-101-244-338949	Sequence 338949, A
88	19	11.6	19	10	US-11-101-244-338950	Sequence 338950, A
89	19	11.6	19	10	US-11-101-244-338951	Sequence 338951, A
90	19	11.6	19	10	US-11-101-244-338952	Sequence 338952, A
91	19	11.6	19	10	US-11-101-244-338953	Sequence 338953, A
92	19	11.6	19	10	US-11-101-244-338954	Sequence 338954, A
93	19	11.6	19	10	US-11-101-244-338955	Sequence 338955, A

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94 17.4 10.6 50 12 US-11-175-859-10012 Sequence 10012, A
95 17.4 10.6 50 12 US-11-175-859-11931 Sequence 11931, A
96 17.4 10.6 50 12 US-11-175-859-17548 Sequence 17548, A
97 17.4 10.6 50 12 US-11-175-859-34086 Sequence 34086, A
98 17.4 10.6 50 12 US-11-175-859-46153 Sequence 46153, A
99 17.4 10.6 50 12 US-11-175-859-68471 Sequence 68471, A
100 17.4 10.6 50 12 US-11-175-859-75044 Sequence 75044, A

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ALIGNMENTS

```

RESULT 1
US-10-310-914A-275374/c
; Sequence 275374, Application US/10310914A
; Publication No. US2006000322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiller, Kyuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 275374
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-275374

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Query Match          14.6%; Score 24; DB 8; Length 24;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 107 CAGCCAGCTGCAGCCCCCAGCATG 130
Db 24 CAGCCAGCTGCAGCCCCCAGCATG 1

```

```

RESULT 2
US-11-175-859-56468/c
; Sequence 56468, Application US/11175859
; Publication No. US20060024715A1
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; APPLICANT: Liu, Guoying et al.
; TITLE OF INVENTION: Method of Analysis of Human Polymorphism
; FILE REFERENCE: 3690.1
; CURRENT APPLICATION NUMBER: US/11/175,859
; CURRENT FILING DATE: 2005-07-05
; PRIOR APPLICATION NUMBER: US 60/585,352
; PRIOR FILING DATE: 2004-07-02
; NUMBER OF SEQ ID NOS: 116251
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56468
; LENGTH: 50
; TYPE: DNA
; ORGANISM: homo sapien
US-11-175-859-56468

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Query Match          13.2%; Score 21.6; DB 12; Length 50;
Best Local Similarity 68.2%; Pred. No. 2e+03;
Matches 30; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

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QY 50 GTTCTCAGGACAGGCTCTCTTCTGTTTGATGCTCTTACCC 93
Db 49 GTTAGCAGGAGTACGCTCTATACCTCTTGTCTCTTACCC 6

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RESULT 3
US-10-310-914A-19327

```

```

; Sequence 19327, Application US/10310914A
; Publication No. US2006000322A1
; GENERAL INFORMATION:
; APPLICANT: Bentwich, Isaac
; APPLICANT: Shiller, Kyuzat
; TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
; FILE REFERENCE: 06087.0200.CPUS01
; CURRENT APPLICATION NUMBER: US/10/310,914A
; CURRENT FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 1388402
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 19327
; LENGTH: 67
; TYPE: RNA
; ORGANISM: Human
US-10-310-914A-19327

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```

Query Match          12.9%; Score 21.2; DB 8; Length 67;
Best Local Similarity 54.0%; Pred. No. 2.8e+03;
Matches 27; Conservative 5; Mismatches 18; Indels 0; Gaps 0;

```

```

QY 5 GGCACCTTTGATGAGGGGACTGGGCACTTCTAGACAGTCCGAGTTCT 54
Db 4 GGGCACCAGGACAGGAGAAUUGGAGUGGGAGUAGACAGUCCUAAUUCU 53

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RESULT 4
US-11-175-859-26422
; Sequence 26422, Application US/11175859
; Publication No. US20060024715A1
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; APPLICANT: Liu, Guoying et al.
; TITLE OF INVENTION: Method of Analysis of Human Polymorphism
; FILE REFERENCE: 3690.1
; CURRENT APPLICATION NUMBER: US/11/175,859
; CURRENT FILING DATE: 2005-07-05
; PRIOR APPLICATION NUMBER: US 60/585,352
; PRIOR FILING DATE: 2004-07-02
; NUMBER OF SEQ ID NOS: 116251
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26422
; LENGTH: 50
; TYPE: DNA
; ORGANISM: homo sapien
US-11-175-859-26422

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```

Query Match          12.3%; Score 20.2; DB 12; Length 50;
Best Local Similarity 63.3%; Pred. No. 5.5e+03;
Matches 31; Conservative 0; Mismatches 18; Indels 0; Gaps 0;

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QY 95 GGGGAGGAGTGCAGCCAGCTGCAGGCCCAAGTGAAGACATCTGAG 143
Db 1 GTGAGGAGATTTGAGGAGCCAGCTGAAGYCAAGAGTTGTGAAGTTGCTTAG 49

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RESULT 5
US-11-175-859-75985
; Sequence 75985, Application US/11175859
; Publication No. US20060024715A1
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; APPLICANT: Liu, Guoying et al.
; TITLE OF INVENTION: Method of Analysis of Human Polymorphism
; FILE REFERENCE: 3690.1
; CURRENT APPLICATION NUMBER: US/11/175,859
; CURRENT FILING DATE: 2005-07-05
; PRIOR APPLICATION NUMBER: US 60/585,352
; PRIOR FILING DATE: 2004-07-02
; NUMBER OF SEQ ID NOS: 116251
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 75985

```

LENGTH: 50
TYPE: DNA
ORGANISM: homo sapien
US-11-175-859-75985

Query Match 12.3%; Score 20.2; DB 12; Length 50;
Best Local Similarity 65.1%; Pred. No. 5.5e+03;
Matches 28; Conservative 1; Mismatches 14; Indels 0; Gaps 0;

QY 56 AAGGACAGGTCCTCTCTGTTGACTGTCCTTACCCCGGG 98
DB 8 AAGGTAGGTCATTACAGGAGGTTGTCCTCAGGCGG 50

RESULT 6
US-11-175-859-105901/c
Sequence 105901, Application US/11175859
Publication No. US20060024715A1
GENERAL INFORMATION:
APPLICANT: Affimetrix, Inc.
APPLICANT: Liu, Guoying et al.
TITLE OF INVENTION: Method of Analysis of Human Polymorphism
FILE REFERENCE: 3690.1
CURRENT FILING DATE: 2005-07-05
CURRENT APPLICATION NUMBER: US/11/175,859
PRIOR FILING DATE: 2004-07-02
PRIOR APPLICATION NUMBER: US 60/585,352
NUMBER OF SEQ ID NOS: 116251
SOFTWARE: PatentIn version 3.2
SEQ ID NO 105901
LENGTH: 50
TYPE: DNA
ORGANISM: homo sapien
US-11-175-859-105901

Query Match 12.3%; Score 20.2; DB 12; Length 50;
Best Local Similarity 71.4%; Pred. No. 5.5e+03;
Matches 25; Conservative 1; Mismatches 9; Indels 0; Gaps 0;

QY 43 TCCCGAAGTGTCAAGGACAGGTCCTCTCTGCT 77
DB 50 TCTGACTGTGTCAGGCGACAGTTCTCTCTGTT 16

RESULT 7
US-10-310-914A-6285
Sequence 6285, Application US/10310914A
Publication No. US20060003322A1
GENERAL INFORMATION:
APPLICANT: Bentwich, Isaac
APPLICANT: Shlier, Kiyat
TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
FILE REFERENCE: 06087.0200.CPUS01
CURRENT FILING DATE: 2002-12-06
CURRENT APPLICATION NUMBER: US/10/310,914A
NUMBER OF SEQ ID NOS: 1388402
SOFTWARE: PatentIn version 3.3
SEQ ID NO 6285
LENGTH: 79
TYPE: RNA
ORGANISM: Human
US-10-310-914A-6285

Query Match 12.2%; Score 20; DB 8; Length 79;
Best Local Similarity 51.9%; Pred. No. 7.1e+03;
Matches 27; Conservative 5; Mismatches 20; Indels 0; Gaps 0;

QY 58 GGCACAGGTCCTCTCTGTTTACTGTCCTTACCCCGGAGGACAGTCAG 109
DB 28 GGCACAGGTCCTCTCTGTTTACTGTCCTTACCCCGGAGGACAGTCAG 79

RESULT 8
US-11-175-859-2464
Sequence 2464, Application US/11175859
Publication No. US200600024715A1
GENERAL INFORMATION:
APPLICANT: Affimetrix, Inc.
APPLICANT: Liu, Guoying et al.
TITLE OF INVENTION: Method of Analysis of Human Polymorphism
FILE REFERENCE: 3690.1
CURRENT FILING DATE: 2005-07-05
CURRENT APPLICATION NUMBER: US/11/175,859
PRIOR FILING DATE: 2004-07-02
PRIOR APPLICATION NUMBER: US 60/585,352
NUMBER OF SEQ ID NOS: 116251
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2464
LENGTH: 50
TYPE: DNA
ORGANISM: homo sapien
US-11-175-859-2464

Query Match 12.0%; Score 19.6; DB 12; Length 50;
Best Local Similarity 63.6%; Pred. No. 8.5e+03;
Matches 28; Conservative 1; Mismatches 15; Indels 0; Gaps 0;

QY 115 TGACAGCCCGACAGTGAAGACATCTGAGCTCAATCCAGATTA 158
DB 1 TGACAGAAACATTAGAGATTAACCTGAAATGCAATCCAGATA 44

RESULT 9
US-11-175-859-44910
Sequence 44910, Application US/11175859
Publication No. US200600024715A1
GENERAL INFORMATION:
APPLICANT: Affimetrix, Inc.
APPLICANT: Liu, Guoying et al.
TITLE OF INVENTION: Method of Analysis of Human Polymorphism
FILE REFERENCE: 3690.1
CURRENT FILING DATE: 2005-07-05
CURRENT APPLICATION NUMBER: US/11/175,859
PRIOR FILING DATE: 2004-07-02
PRIOR APPLICATION NUMBER: US 60/585,352
NUMBER OF SEQ ID NOS: 116251
SOFTWARE: PatentIn version 3.2
SEQ ID NO 44910
LENGTH: 50
TYPE: DNA
ORGANISM: homo sapien
US-11-175-859-44910

Query Match 11.8%; Score 19.4; DB 12; Length 50;
Best Local Similarity 74.2%; Pred. No. 9.8e+03;
Matches 23; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 128 GTGAGACATCTGAGCTCAATCCAGATTA 158
DB 5 GTGAGAAATCTGTACTCAATGGAATCA 35

RESULT 10
US-10-939-294A-3704/c
Sequence 3704, Application US/10939294A
Publication No. US20050266417A1
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2395-02)
CURRENT FILING DATE: 2004-09-10

Query Match 11.8%; Score 19.4; DB 12; Length 50;
Best Local Similarity 74.2%; Pred. No. 9.8e+03;
Matches 23; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 128 GTGAGACATCTGAGCTCAATCCAGATTA 158
DB 5 GTGAGAAATCTGTACTCAATGGAATCA 35

RESULT 10
US-10-939-294A-3704/c
Sequence 3704, Application US/10939294A
Publication No. US20050266417A1
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Turner, Daniel
APPLICANT: Pingle, Maneesh
APPLICANT: Pincas, Hanna
TITLE OF INVENTION: Methods for identifying target nucleic acid molecules
FILE REFERENCE: 19603/4121 (CRF D-2395-02)
CURRENT FILING DATE: 2004-09-10

Query Match 11.8%; Score 19.4; DB 12; Length 50;
Best Local Similarity 74.2%; Pred. No. 9.8e+03;
Matches 23; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 128 GTGAGACATCTGAGCTCAATCCAGATTA 158
DB 5 GTGAGAAATCTGTACTCAATGGAATCA 35

PRIOR APPLICATION NUMBER: US 60/502/731
PRIOR FILING DATE: 2003-09-12
NUMBER OF SEQ ID NOS: 38895
SOFTWARE: PatentIn version 3.3
SEQ ID NO 3704
LENGTH: 64
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: oligonucleotide probe
US-10-939-294A-3704

Query Match 11.8%; Score 19.4; DB 8; Length 64;
Best Local Similarity 57.4%; Pred. No. 1e+04;
Matches 35; Conservative 0; Mismatches 26; Indels 0; Gaps 0;

QY 92 CCGGGGAGGAGGCGACCCGCTGCAAGCCGACAGAGAAACATCTGAGCTCAATC 151
DB 64 CACGAGCTGCGGTGCGCTTTGCGGAAATCCCGAGGTGCGCAAGCCTGCGCTTGACG 5

QY 152 C 152
DB 4 C 4

RESULT 11
US-11-175-859-29057/c
Sequence 29057, Application US/11175859
Publication No. US20060024715A1
GENERAL INFORMATION:
APPLICANT: Afymetrix, Inc.
APPLICANT: Liu, Guoying et al.
TITLE OF INVENTION: Method of Analysis of Human Polymorphism
FILE REFERENCE: 3690.1
CURRENT APPLICATION NUMBER: US/11/175,859
CURRENT FILING DATE: 2005-07-05
PRIOR APPLICATION NUMBER: US 60/585,352
PRIOR FILING DATE: 2004-07-02
NUMBER OF SEQ ID NOS: 116251
SOFTWARE: PatentIn version 3.2
SEQ ID NO 29057
LENGTH: 50
TYPE: DNA
ORGANISM: homo sapien
US-11-175-859-29057

Query Match 11.7%; Score 19.2; DB 12; Length 50;
Best Local Similarity 70.6%; Pred. No. 1.1e+04;
Matches 24; Conservative 1; Mismatches 9; Indels 0; Gaps 0;

QY 65 GTCCTTCCTGCTTGAAGTCTTACCCGCGGG 98
DB 47 GTATCTTCATTTGTCGCTGTCATACCTGATG 14

RESULT 12
US-10-310-914A-15202
Sequence 15202, Application US/10310914A
Publication No. US2006000322A1
GENERAL INFORMATION:
APPLICANT: Bentwich, Isaac
APPLICANT: Shiller, Kuzat
TITLE OF INVENTION: Bioinformatically detectable group of novel regulatory genes and
TITLE OF INVENTION: uses thereof
FILE REFERENCE: 06087.0200.CPUS01
CURRENT APPLICATION NUMBER: US/10/310,914A
CURRENT FILING DATE: 2002-12-06
NUMBER OF SEQ ID NOS: 1388402
SOFTWARE: PatentIn version 3.3
SEQ ID NO 15202
LENGTH: 62
TYPE: RNA
ORGANISM: Human

US-10-310-914A-15202

Query Match 11.7%; Score 19.2; DB 8; Length 62;
Best Local Similarity 60.0%; Pred. No. 1.2e+04;
Matches 24; Conservative 3; Mismatches 13; Indels 0; Gaps 0;

QY 110 CCAGCTGCAAGCCCGACAGTGAAGAACATCTGAGCTCAA 149
DB 2 CCAGCCCTUAGCCCGACAGCCAGACAGUUGACAUACA 41

RESULT 13
US-11-101-244-338671
Sequence 338671, Application US/11101244
Publication No. US20050246794A1

GENERAL INFORMATION:

APPLICANT: Dharmoon, Inc.
APPLICANT: Khvorova, Anastasia
APPLICANT: Reynolds, Angela
APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional siRNA
FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SEQ ID NO 338671
LENGTH: 19
TYPE: RNA
ORGANISM: Homo sapiens
US-11-101-244-338671

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 78.9%; Pred. No. 1e+04;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 133 GAACATCTGAGCTCAATC 151
DB 1 GAACATCTGAGCTCAATC 19

RESULT 14
US-11-101-244-338677
Sequence 338677, Application US/11101244
Publication No. US20050246794A1
GENERAL INFORMATION:
APPLICANT: Dharmoon, Inc.
APPLICANT: Khvorova, Anastasia
APPLICANT: Reynolds, Angela
APPLICANT: Leake, Devin
APPLICANT: Marshall, William
APPLICANT: Scaringe, Stephen
TITLE OF INVENTION: Functional and Hyperfunctional siRNA
FILE REFERENCE: 13499US
CURRENT APPLICATION NUMBER: US/11/101,244
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: 60/502,050
PRIOR FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 60/426,137
PRIOR FILING DATE: 2002-11-14
NUMBER OF SEQ ID NOS: 1591911
SOFTWARE: Proprietary
SEQ ID NO 338677
LENGTH: 19
TYPE: RNA
ORGANISM: Homo sapiens
US-11-101-244-338677

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 78.9%; Pred. No. 1e+04;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 143 GCTCAATCCAGATAGTG 161
||:||||:||||:||||:
DB 1 GCUCAAAUCCAGAUAAAGUG 19

RESULT 15
US-11-101-244-338688
; Sequence 338688, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338688
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338688

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 84.2%; Pred. No. 1e+04;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 141 GAGCTCAATCCAGATAG 159
||||:||||:||||:||||:
DB 1 GAGCTCAAAUCCAGAUAG 19

RESULT 16
US-11-101-244-338691
; Sequence 338691, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338691
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338691

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 84.2%; Pred. No. 1e+04;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 131 AAGAATCTGAGCTCAA 149
||||:||||:||||:||||:
DB 1 AAGAACAUCUGAGCTCAA 19

RESULT 17
US-11-101-244-338724
; Sequence 338724, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338724
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338724

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 84.2%; Pred. No. 1e+04;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 130 GAAGAATCTGAGCTCAA 148
||||:||||:||||:||||:
DB 1 GAAGAACAUCUGAGCTCAA 19

RESULT 18
US-11-101-244-338750
; Sequence 338750, Application US/11101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338750
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338750

Query Match 11.6%; Score 19; DB 10; Length 19;

Best Local Similarity 73.7%; Pred. No. 1e+04; DB 10; Length 19;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;
OY 34 TCTAGACAGTCCCGAAGTT 52
Db 1 UCUGACAGUCCCGAAGUU 19

RESULT 19
US-11-101-244-338771
; Sequence 338771, Application US/11101244
; Publication NO. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; PRIOR FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338771
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338771

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 78.9%; Pred. No. 1e+04;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

OY 133 GAACATCTGAGCTCAATC 151
Db 1 GAGCUCUAGGCUCAAAUC 19

RESULT 20
US-11-101-244-338777
; Sequence 338777, Application US/11101244
; Publication NO. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; PRIOR FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338777
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338777

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 78.9%; Pred. No. 1e+04;

Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
OY 143 GCTCAATCCAGATPAGTG 161
Db 1 GCUCAAAUCCAGAAUAGUG 19

RESULT 21
US-11-101-244-338788
; Sequence 338788, Application US/11101244
; Publication NO. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; PRIOR FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338788
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338788

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 84.2%; Pred. No. 1e+04;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

OY 141 GAGCTCAATCCAGATPAG 159
Db 1 GAGCUCAAAUCCAGAAUAG 19

RESULT 22
US-11-101-244-338791
; Sequence 338791, Application US/11101244
; Publication NO. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; PRIOR FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 338791
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
US-11-101-244-338791

Query Match 11.6%; Score 19; DB 10; Length 19;
Best Local Similarity 84.2%; Pred. No. 1e+04;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

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Qy 131 AAGACATCTGAGCTCAA 149
 |||||:|||||
 Db 1 AAGACACUCCGAGCUCCAA 19

RESULT 23

US-11-101-244-338824
 ; Sequence 338824, Application US/11101244
 ; Publication No. US20050246794A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dharmacon, Inc.
 ; APPLICANT: Khvorova, Anastasia
 ; APPLICANT: Reynolds, Angela
 ; APPLICANT: Leake, Devin
 ; APPLICANT: Marshall, William
 ; APPLICANT: Scaringe, Stephen
 ; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
 ; FILE REFERENCE: 13499US
 ; CURRENT APPLICATION NUMBER: US/11/101,244
 ; CURRENT FILING DATE: 2005-04-07
 ; PRIOR APPLICATION NUMBER: 60/502,050
 ; PRIOR FILING DATE: 2003-09-10
 ; PRIOR APPLICATION NUMBER: 60/426,137
 ; PRIOR FILING DATE: 2002-11-14
 ; NUMBER OF SEQ ID NOS: 1591911
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 338824
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-11-101-244-338824

Query Match 11.6%; Score 19; DB 10; Length 19;
 Best Local Similarity 84.2%; Pred. No. 1e+04;
 Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 130 GAAGACATCTGAGCTCAA 148
 |||||:|||||
 Db 1 GAAGACACUCCGAGCUCCAA 19

RESULT 24

US-11-101-244-338849
 ; Sequence 338849, Application US/11101244
 ; Publication No. US20050246794A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dharmacon, Inc.
 ; APPLICANT: Khvorova, Anastasia
 ; APPLICANT: Reynolds, Angela
 ; APPLICANT: Leake, Devin
 ; APPLICANT: Marshall, William
 ; APPLICANT: Scaringe, Stephen
 ; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
 ; FILE REFERENCE: 13499US
 ; CURRENT APPLICATION NUMBER: US/11/101,244
 ; CURRENT FILING DATE: 2005-04-07
 ; PRIOR APPLICATION NUMBER: 60/502,050
 ; PRIOR FILING DATE: 2003-09-10
 ; PRIOR APPLICATION NUMBER: 60/426,137
 ; PRIOR FILING DATE: 2002-11-14
 ; NUMBER OF SEQ ID NOS: 1591911
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 338849
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-11-101-244-338849

Query Match 11.6%; Score 19; DB 10; Length 19;
 Best Local Similarity 73.7%; Pred. No. 1e+04;
 Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 34 TCTAGACAGTCCCGAAGTT 52
 :|||:|||||
 Db 1 UCUGAGACAGTCCCGAAGUU 19

RESULT 25

US-11-083-784-338671
 ; Sequence 338671, Application US/11083784
 ; Publication No. US20050245475A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dharmacon, Inc.
 ; APPLICANT: Khvorova, Anastasia
 ; APPLICANT: Reynolds, Angela
 ; APPLICANT: Leake, Devin
 ; APPLICANT: Marshall, William
 ; APPLICANT: Scaringe, Stephen
 ; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
 ; FILE REFERENCE: 13499US
 ; CURRENT APPLICATION NUMBER: US/11/083,784
 ; CURRENT FILING DATE: 2005-03-18
 ; PRIOR APPLICATION NUMBER: US/10/714,333
 ; PRIOR FILING DATE: 2003-11-14
 ; PRIOR APPLICATION NUMBER: 60/502,050
 ; PRIOR FILING DATE: 2003-09-10
 ; PRIOR APPLICATION NUMBER: 60/426,137
 ; PRIOR FILING DATE: 2002-11-14
 ; NUMBER OF SEQ ID NOS: 1591911
 ; SOFTWARE: Proprietary
 ; SEQ ID NO 338671
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-11-083-784-338671

Query Match 11.6%; Score 19; DB 11; Length 19;
 Best Local Similarity 78.9%; Pred. No. 1e+04;
 Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 133 GAACATCTGAGCTCAATC 151
 |||||:|||||
 Db 1 GAACACUCCGAGCUCCAAUC 19

Search completed: March 3, 2006, 07:56:43
 Job time : 891.776 secs

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November 2005

Published_Applications Nucleic Acid and Published_Applications Amino Acid database searches now generate two sets of results each. The Published_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published_Applications_New databases; older published applications make up the Published_Applications_Main databases.

Searches run against Nucleic Acid Published_Applications produce two sets of results, with the extensions **.rnpbm** (Published_Applications_NA_Main) and **.rnpbn** (Published_Applications_NA_New).

Searches run against Amino Acid Published_Applications produce two sets of results, with the extensions **.rapbm** (Published_Applications_AA_Main) and **.rapbn** (Published_Applications_AA_New).

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